

LISTING OF THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1-7. (cancelled)

8. (original) A dielectric resonator filter comprising:

a plurality of dielectric resonators;

an enclosure enclosing the plurality of dielectric resonators to function as a shield against an electromagnetic field; and

a plurality of resonance-frequency tuning means provided on a one-by-one basis for the plurality of dielectric resonators, each of the plurality of resonance-frequency tuning means including a conductor plate disposed in a space enclosed by the enclosure to have a first surface opposed to a surface of the corresponding one of the dielectric resonators and a second surface opposed to an inner surface of the enclosure, the resonance-frequency tuning means being capable of changing distances between the conductor plates and the dielectric resonators,

the conductor plate of at least one of the plurality of resonance-frequency tuning means having a size different from sizes of the conductor plates of the other resonance-frequency tuning means.

9. (original) The dielectric resonator filter of claim 8, wherein the conductor plate of each of the resonance-frequency tuning means has a disk-shaped configuration.

10. (original) A dielectric resonator filter comprising:
a plurality of dielectric resonators including an input-stage dielectric resonator for receiving a high-frequency signal from an external device and an output-stage dielectric resonator for outputting the high-frequency signal to an external device;
an enclosure enclosing the plurality of dielectric resonators to function as a shield against an electromagnetic field;
input coupling means for coupling the inputted high-frequency signal and an electromagnetic field in the input-stage dielectric resonator;
output coupling means for coupling the outputted high-frequency signal and an electromagnetic field in the output-stage dielectric resonator; and
an interstage-coupling tuning plate provided between those of the plurality of dielectric resonators having their respective electromagnetic fields coupled to each other to tune a strength of the electromagnetic field coupling,
at least one of both side surfaces of the interstage-coupling tuning plate having a cutaway portion provided therein.

11. (original) The dielectric resonator filter of claim 10, wherein the cutaway portion in the interstage-coupling tuning plate has a generally rectangular configuration.

12-18. (cancelled)